



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 2860

Shunichi SHIOZAWA et al. : Docket No. 2001-1298A

Serial No. 09/936,989 : Group Art Unit 1634

Filed October 30, 2001 : Examiner C. Myers

# RHEUMATOID ARTHRITIS GENE AND METHOD FOR DIAGNOSING RHEUMATOID ARTHRITIS

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## AMENDMENT AFTER FINAL

Assistant Commissioner for Patents,  
Washington, D.C.

Sir.

Responsive to the Official Action dated November 27, 2002, the time for responding thereto being extended for one month in accordance with a petition for extension submitted concurrently herewith, please amend the above-identified application as follows:

## IN THE CLAIMS:

**Cancel without prejudice the nonelected claims 4-8, 10-11 and 15-18.**

**Please amend the claims as follows:**

Claim 1. (Twice Amended) A cDNA of a disease gene for rheumatoid arthritis, which comprises the nucleotide sequence of SEQ ID NO: 1.

Claim 3. (Thrice Amended) A DNA fragment of SEQ ID NO: 1, wherein said DNA fragment comprises at least nucleotides 2693 to 2702 of SEQ ID NO: 1

Claim 12. (Amended) A polynucleotide, comprising the nucleotide sequence of SEQ ID NO: 1.

Claim 13. (Amended) A polynucleotide, consisting of a fragment of SEQ ID NO: 1, wherein said polynucleotide comprises at least nucleotides 2693 to 2702 of SEQ ID NO: 1.

Claim 14. (Amended) The polynucleotide according to claim 13, which consists of nucleotides 2693 to 2702 of SEQ ID NO: 1.